

# MicroPatent Report

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1. DE4025487A1 B30B KORSCH MASCHFAB  
FUELLGERAET FUER DIE MATRIZEN EINER TABLETTIERMASCHINE



# FUELLGERAET FUER DIE MATRIZEN EINER TABLETTIERMASCHINE

[71] **Applicant:** KORSCH MASCHFAB

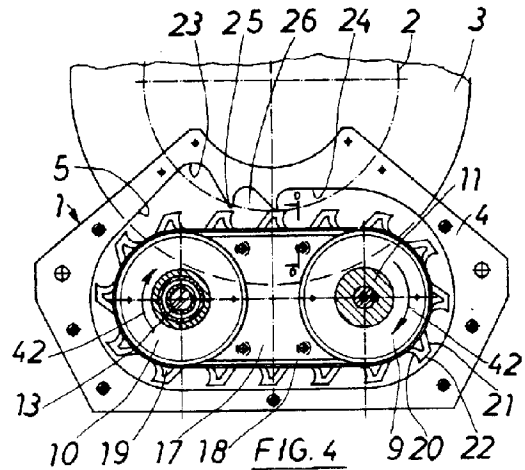
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[21] **Application No.:** DE4025487A

[22] **Filed:** 19900808

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## [57] Abstract:

A filling and dosing device for the mould table of a tableting machine consists of an endless belt (18) fitted onto two wheels (9,10) and provided with cams (19) on its outer surface, and a housing (4) with a curved surface above the mould table (2) and enclosing the path of the cams (19). This curved surface comprises a filling area curve (23) and a clearing area curve (24). The leading surfaces of the cams in the direction of motion (42) are in the form of a dosing scoops (20), while their trailing surfaces have an inclined deflecting shape (21). The space between the wheels is filled by a plastic element (17). A toothed belt and wheels may be used. The curves (23,24) are formed by variations in the shape of the housing and between these curves and the outer path of the belt cams are a number of projections (25). **USE/ADVANTAGE** - Used in association with machines for forming tablets by compressing powders, in which equal quantities of the powder are required to be fed onto the table of a tableting machine. The proposed device delivers the powder to the pressing system as required almost without losses, and in partic. it removes excess powder also without loss.

[52] **US Class:**

[51] **Int'l Class:** B30B001530 B30B001108

[52] **ECLA:** B30B001108 B30B001530B2